

## Dose Calculator Results

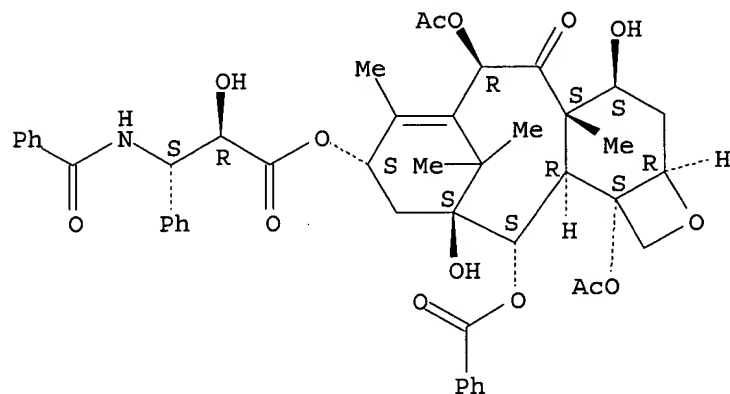
Please note that for regulatory submissions the FDA recommends the following conversion factors: Mouse = 3, Hamster = 4.1, Rat = 6, Guinea Pig = 7.7. (based on Cancer Chemother Repts 50(4):219(1966)) Multiply the conversion factor by the animal dose in mg/kg to obtain the dose in mg/m<sup>2</sup> for human dose equivalent. when both height and weight are known, human body surface area is calculated using Boyd's Formula of Body Surface Area (Boyd E. The growth of the surface area of the human body. University of Minnesota Press. 1935) . Calculations with weight alone (no height) are less accurate. All values are estimates and values above 2.25 m<sup>2</sup> are not considered accurate

Species	Weight, kg	Est.Total Dose, mg	Dose in mg/kg	Dose in mg/m <sup>2</sup>	Est. BSA,m <sup>2</sup>
Human	70.00	1400.00	20.00	779.07	1.797
Mouse	0.02	0.40	20.00	60.32	0.007
Hamster	0.03	0.60	20.00	69.13	0.009
Rat	0.15	3.00	20.00	118.07	0.025
Guinea Pig	1.00	20.00	20.00	224.72	0.089
Rabbit	2.00	40.00	20.00	251.98	0.159
Cat	2.50	50.00	20.00	253.68	0.197
Monkey	3.00	60.00	20.00	244.45	0.245
Dog	8.00	160.00	20.00	357.14	0.448

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 33069-62-4 REGISTRY  
 CN Benzenepropanoic acid,  $\beta$ -(benzoylamino)- $\alpha$ -hydroxy-,  
 (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-6,12b-bis(acetyloxy)-12-(benzoyloxy)-  
 2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,11-dihydroxy-4a,8,13,13-  
 tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl  
 ester, ( $\alpha$ R, $\beta$ S)-(9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 7,11-Methano-1H-cyclodeca[3,4]benz[1,2-b]oxete, benzenepropanoic acid  
 deriv.  
 CN Benzenepropanoic acid,  $\beta$ -(benzoylamino)- $\alpha$ -hydroxy-,  
 6,12b-bis(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-  
 dodecahydro-4,11-dihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-  
 cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester, [2aR-  
 [2 $\alpha$ ,4 $\beta$ ,4a $\beta$ ,6 $\beta$ ,9 $\alpha$ ( $\alpha$ R\*, $\beta$ S\*)],11 $\alpha$   
 ,12 $\alpha$ ,12a $\alpha$ ,12b $\alpha$ ]]-  
 CN Tax-11-en-9-one, 5 $\beta$ ,20-epoxy-1,2 $\alpha$ ,4,7 $\beta$ ,10 $\beta$ ,13 $\alpha$ -  
 hexahydroxy-, 4,10-diacetate 2-benzoate 13-ester with (2R,3S)-N-benzoyl-3-  
 phenylisoserine (8CI)  
 OTHER NAMES:  
 CN ABI 007  
 CN Abraxane  
 CN BMS 181339-01  
 CN Capxol  
 CN Ebetaxel  
 CN Genetaxyl  
 CN Genexol  
 CN Genexol-PM  
 CN MBT 0206  
 CN NSC 125973  
 CN Pacliex  
 CN **Paclitaxel**  
 CN Plaxicel  
 CN QW 8184  
 CN TaxAlbin  
 CN Taxol  
 CN Taxol A  
 CN Yewtaxan  
 FS STEREOSEARCH  
 MF C47 H51 N O14  
 CI COM  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*,  
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,  
 CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,  
 DETHERM\*, DIOGENES, DRUGU, EMBASE, HSDB\*, IFICDB, IFIUDB, IMSCOSEARCH,  
 IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK\*, MSDS-OHS,  
 NAPRALERT, PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS\*, SYNTHLINE,  
 TOXCENTER, USAN, USPAT2, USPATFULL, VETU  
 (\*File contains numerically searchable property data)  
 DT.CA CAplus document type: Book; Conference; Dissertation; Journal; Patent;  
 Preprint  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU  
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
 (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
 study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP  
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU  
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
 (Reactant or reagent); USES (Uses)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical

study); BIOL (Biological study); CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10225 REFERENCES IN FILE CA (1907 TO DATE)  
 539 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 10262 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 114977-28-5 REGISTRY

CN Benzenepropanoic acid,  $\beta$ -[[[(1,1-dimethylethoxy)carbonyl]amino]-  
 $\alpha$ -hydroxy-, (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-12b-(acetyloxy)-12-  
(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-  
trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-  
cyclodeca[3,4]benz[1,2-b]oxet-9-yl ester, ( $\alpha$ R, $\beta$ S)- (9CI) (CA  
INDEX NAME)

OTHER CA INDEX NAMES:

CN 7,11-Methano-1H-cyclodeca[3,4]benz[1,2-b]oxete, benzenepropanoic acid  
deriv.

CN Benzenepropanoic acid,  $\beta$ -[[[(1,1-dimethylethoxy)carbonyl]amino]-  
 $\alpha$ -hydroxy-, 12b-(acetyloxy)-12-(benzoyloxy)-  
2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-  
tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl  
ester, [2aR-[2a $\alpha$ ,4 $\beta$ ,4a $\beta$ ,6 $\beta$ ,9 $\alpha$ ( $\alpha$ R\*, $\beta$ S  
\*),11 $\alpha$ ,12 $\alpha$ ,12a $\alpha$ ,12b $\alpha$ ]]-

OTHER NAMES:

CN Docetaxel

CN N-Debenzoyl-N-tert-butoxycarbonyl-10-deacetyltaxol

CN RP 56976

CN Taxotere

FS STEREOSEARCH

DR 216252-50-5

MF C43 H53 N O14

CI COM

SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*,  
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,  
CEN, CHEMCATS, CHEMINFORMRX, CIN, CSCHM, DDFU, DIOGENES, DRUGU, EMBASE,  
HSDB\*, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE,  
MRCK\*, MSDS-OHS, PATDPASPC, PHAR, PIRA, PROMT, PROUSDDR, PS, RTECS\*,  
SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent

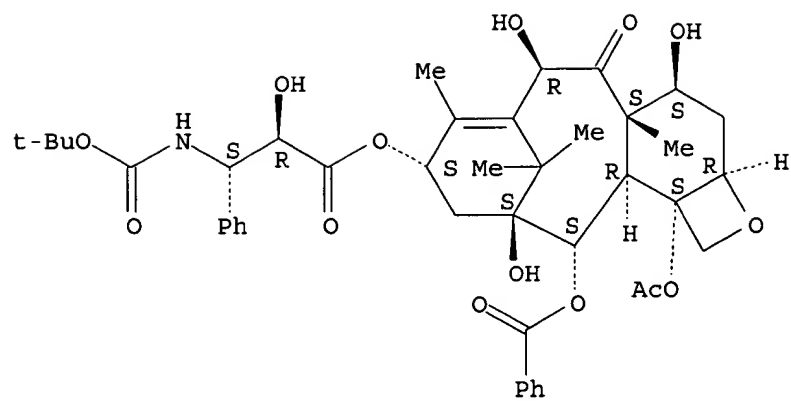
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);  
RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological  
study); PREP (Preparation); PROC (Process); PRP (Properties); USES  
(Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU  
(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
(Reactant or reagent); USES (Uses)

RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological  
study); MSC (Miscellaneous); PREP (Preparation); PRP (Properties); RACT  
(Reactant or reagent); USES (Uses)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2635 REFERENCES IN FILE CA (1907 TO DATE)  
 110 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 2648 REFERENCES IN FILE CAPLUS (1907 TO DATE)